Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Project Sub Division -01

Estimation for Providing of Chain link fencing to chikkasandra Goundu Topu in Shettyhalli in Ward No 12

Estimated Amount Rs. 1,500,000

Sl No	Description of Items	Unit	No	L	B	D	Qty	Unit	Rate	Amount
1	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in **Hard soil** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead up to 50m after breaking the clods complete as per specification.									
	SR Page no 5, Item no 2.4									
	For SSM Foundation									
	For provoding Chain link Fencing		1	150	0.9	14	135.00			
							135.00	Cum	213.06	**28763**
	Basic Rate	201.00								
	Area Weightage 6%	12.06								
	Total	**213.06**								
2	Earth work in surface excavation in ordinary soil for levelling and lowering the ground manually(other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance of not exceeding 50m and lift upto 1.5m depth, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.									
	SR Page no 5, Item no 2.1									
	For Pathway		1	150.00	2	0.20	60.00			
	For Kerb stone Fixing		2	150.00	0.2	0.10	6.00			
	Chairs base		10	2.20	1	0.10	2.20			
	B/W pathway		1	45.50	29.5	0.35	469.79			
	Basic Rate	112.00					537.99	Cum	118.72	**63870**
	Area Weightage 6%	6.72								
	Total	**118.72**								
3	Providing and laying in position **Plain Cement Concrete of Mix M10 with OPC @220kgs,** using 20mm and down size graded granite metal coarse aggregates @0.84Cum and Fine aggregates @ 0.56 cum, machine mixed, concrete laid in layers not exceeding 15cm thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.									
	SR Page no 13, Item no 4.7									
	For SSM Foundation									
	For provoding Chain link Fencing		1	150	0.9	0.15	20.25			
							20.25	Cum	4130.82	**83649**

	Basic Rate	3897.00							
	Area Weightage 6%	233.82							
	Total	**4130.82**							
4	Providing and constructing granite/trap/basalt **Size Stone Masonry for Foundation** in cement mortar 1:6 hammered dressed in courses not less than 20cm high, bond stones at two meter apart in each course including cost of materials, labour, curing complete as per specification.								
	SR Page no 25, Item no 5.6								
	For provoding Chain link Fencing								
	base course		1	150.00	0.75	0.40	45.00		
	First,Second course		1	150.00	0.60	0.40	36.00		
							81.00	Cum	2722.08	**220488**
	Basic Rate	2568.00							
	Area Weightage 6%	154.08							
	Total	**2722.08**							
5	Providing and constructing granite/trap/basalt **Size Stone Masonry in Basement** in cement mortar 1:6 Edges of stones chistle dressed in courses not less than 15cm high, bond stones at two metre apart in each course including cost of materials, labour, curing complete as per specification.								
	5.9								
	For provoding Chain link Fencing		1	150.00	0.60	0.45	40.50		
			1	150.00	0.45	1.00	67.50		
							108.00	Cum	3186.36	**344127**
	Basic Rate	3006.00							
	Area Weightage 6%	180.36							
	Total	**3186.36**							
6	Providing raised and cut pointing to coursed stone masonry with **CM 1:3,** after taking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.								
	SR Page no 119, Item no 15.5								
	For provoding Chain link Fencing		1	150.00		1.45	217.50		
							217.50	Sqm	108.12	**23516**
	Basic Rate	102.00							
	Area Weightage 6%	6.12							
	Total	**108.12**							
7	Providing and laying in position **Plain Cement Concrete of Mix M20 with OPC @300kgs,** using 20mm and down size graded granite metal coarse aggregates @0.64Cum and Fine aggregates @ 0.43 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cm thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.								
	SR Page no 12, Item no 4.5								
	For provoding Chain link Fencing		1	150.00	0.45	0.1	6.75		

	Chairs base		10	2.2	1	0.15	3.30			
							10.05	Cum	4668.24	**46916**
	Basic Rate	4404.00								
	Area Weightage 6%	264.24								
	Total	**4668.24**								
8	Providing and fixing M.S gate as per chief Architect drawing using 50mmX50mm 14 guage M.S Hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mmX 6mm and 16 x 16mm square rods for vertical alternatively spaced at 4cms C/C in two halves and 40mmx6mm M.S Flats for horizontal member and at the top cast iron Spikes are provided at alternate vertical members as shown in the drawing etc complete all the steel surface should thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc.. complete. The work hire include cost of materials, labour charges for all items of work. hire charges for welding cutting, grinding equipment, and electricity charges with lead and lift loading and unloading charges, etc.. complete as per specification .									
	SR Page no 47, Item no 7.37									
	main gate		1	4.00		1.80	7.20			
							7.20	Sqm	2573.68	**18530**
	Basic Rate	2428.00								
	Area Weightage 6%	145.68								
	Total	**2573.68**								
9	Providing chain link fencing 50mm size of 8 Guage property Streched between rectangular poles and fixed with suitable bolts &nuts, the free ends shall be Welded to the pole abd black pipe at Top and bottom as required including cost of all materials, labour, laed and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint.									
	SR Page no 265, Item no 37.3									
	For provoding Chain link Fencing		1	150.00		1.80	270			
							270	Sqm	574.52	**155120**
	Basic Rate	542.00								
	Area Weightage 6%	32.52								
	Total	**574.52**								
10	Supplying and fixing M.S.Rectangular poles made out of 2equal angles of 65X65X6mm welded together and fixed in CC (1:2:4) WITH 2Nos 16mm dia M.S. hold fast rods each of length 25Cms. Including cost of all materials cutting. Bending Scaffolding wherever necessary. niely finishing the welded joints with all lead lifts and as per the directions of the Engineer- in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete).									
	SR Page no 265, Item no 37.2									
	for boundary Fencing		1	76		2.25	171			
							171	Rmt	864.96	**147908**
	Basic Rate	816.00								

	Area Waitage 6%	48.96								
	Total Rate	864.96								
11	Providing and fixing M S Block pipe of 38mm dia of heavy guage of 14 including removing the bends, cutting the pipe, and fixing the pipe in between the two verticle poles (M S rectangular poles) and spot welding the chain link with M S Block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-In-Charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.									
	SR Page no 265, Item no 37.2									
	For chain link fencing		3	150.00			450.00			
							450.00	m	272.42	**122589**
	Basic Rate	257.00								
	Area Weightage 6%	15.42								
	Total	**272.42**								
12	Providing and fixing RCC name board of size 1.35x0.6x0.04 Mtrs fixed in RCC poles of size 0.10x2.60Mtrs in CC 1:1.5:3 proportion using 20mm and downsize graded metal machine mixed with 10mm dia main steel bars and 8mm dia stripes as shown in drawing. The board shall be provided with 12mm thick cement plaster in CM 1:3 on both the sides. The poles shall be embeded wiin the ground for a depth of 0.5m with CC 1:3:6 proportion. The board shall be fixed as per the drawing and at the place indicated by Engineer Charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc.. The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in Charge .SR 2010-2011- Pg No 236, It No. 37.6									
	SR Page no 268 and , Item no 37.59									
		Nos					1.00	Nos	4,982.00	**4982**
	Basic rate	4,700.00								
	Area Waitage 6%	282.00								
	Total	4,982.00								
13	Providing and fixing Granite Benches with back resting the set is inclusive of material cost transportion charges including fixing the bench at the work spot. (Approved Rate).									
							~~10.00~~			
							~~10.00~~	Nos	12500.00	**12500**
14	Providing and fixing RCC name board of size 1.35x0.6x0.04 Mtrs fixed in RCC poles of size 0.10x2.60Mtrs in CC 1:1.5:3 proportion using 20mm and downsize graded metal machine mixed with 10mm dia main steel bars and 8mm dia stripes as shown in drawing. The board shall be provided with 12mm thick cement plaster in CM 1:3 on both the sides. The poles shall be embeded wiin the ground for a depth of 0.5m with CC 1:3:6 proportion. The board shall be fixed as per the drawing and at the place indicated by Engineer Charge of the work. The cost includes excavation, cost of all materials, cost of steel,									
	SR Page no 268, Item no 37.59									
							1.00	Nos	4982.00	**4982**

	Basic Rate	4700.00								
	Area Weightage 6%	282.00								
	Total	**4982.00**								
15	Providing and laying heavy duty cabble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approvede size, shape and colour with a minium compressive strength of 281 kg per Sqm over 50mm thick swad bed (average thickness) and compavting with plate vibrator having 3tons compation force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of all materials, labour, HOM of machaineries Complete as per Specifications, Specification No.KBS									
	SR Page no 108, Item no 14.6									
	path way		1	150.00	2.00		*300.00*			
	APPROACHES		2	6.00	1.00		12.00			
							312.00	Nos	693.24	**216291**
	Basic Rate	654.00								
	Area Weightage 6%	39.24								
	Total	**693.24**								
16	Micellaneous and Unforceen charges									**5768**
									Total Amount Rs.	**1,500,000**

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2011-12
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Projects Sub-Division
Dasarahalli Zone, BBMP

Asst Executive Engineer
Projects Sub-Division
Dasarahalli Zone, BBMP

Executive Engineer
Projects Division
Dasarahalli Zone, BBMP

A/S

ನಂ. JC(DH) As 648/12-13 ದಿನಾಂಕ : 05/02/13
ರೂ. 15.00 Lakhs (Rupees Fifteen Lakhs only)
Page No. 109
Sl. No. 648

ನಂ:EE/DH/TS/08/2012-13 ದಿನಾಂಕ: 05/02/13
ರೂ. 15.00 lakhs (Rupees fifteen lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ, ಬಿ.ಬಿ.ಎಂ.ಪಿ.

Executive Engineer
Dasarahalli Zone,
BBMP

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